

STAT	Statistics					
g-shift						CLΣ
f-shift		X%ILE	XHAB	XIQR		XRANGE
unshifted	XMIN	XQ1	XMEDN	XQ3	XMAX	XSUM
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Prev menu https://47calc.com/doc/R47/Menus/R47v0_Menu_STAT_page_1.pdf

Next menu https://47calc.com/doc/R47/Menus/R47v0_Menu_STK_page_1.pdf

Ref 1 https://47calc.com/doc/R47/Reference/R47v0_Formulas.pdf

Level	Label	Type	FullName	Extended description	Category	Flag	Catalog	Default
Menu p2	STAT	MENU	Statistics	Statistics functions ; Ref : https://47calc.com/doc/R47/Reference/R47v0_Formulas.pdf	Summary statistics		STAT	
F1	X _{MIN}	Command	Minima	Minima ; TI : x _{MIN} = ; y _{MIN} =	Summary statistics		X _{MIN}	
F2	X _{Q1}	Command	Lower quartile	Lower quartile for both X and Y -- see https://en.wikipedia.org/wiki/Quartile#Method_1 ; TI : Q ₁ x = ; Q ₁ y =	Summary statistics		X _{Q1}	
F3	X _{MEDN}	Command	Median	Sort the data and return the middle value for both X and Y ; for an even number of samples, the arithmetic mean of the two middle values is returned ; TI : md _x = ; md _y =	Summary statistics		X _{MEDN}	
F4	X _{Q3}	Command	Upper quartile	Upper quartile for both X and Y -- see https://en.wikipedia.org/wiki/Quartile#Method_1 ; TI : Q ₃ x = ; Q ₃ y =	Summary statistics		X _{Q3}	
F5	X _{MAX}	Command	Maxima	Maxima ; TI : x _{MAX} = ; y _{MAX} =	Summary statistics		X _{MAX}	
F6	X _{SUM}	Command	x _{SUM}	Return Σx and Σy in X and Y respectively ; TI : Σ _x = ; Σ _y =	Summary statistics		X _{SUM}	
fF1								
fF2	x%ILE	Command	Percentile	Percentile ; TI : pctl _x = ; pctl _y =	Summary statistics		x%ILE	
fF3	X _{MAD}	Command	Median absolute deviation	Median absolute deviation for both X and Y ; this is the median of the differences between each data point and the overall median ; TI : mad _x = ; mad _y =	Summary statistics		X _{MAD}	
fF4	X _{IQR}	Command	Interquartile range	Interquartile range for both X and Y ; this is equal to Q.3 - Q.1 ; TI : iqr _x = ; iqr _y =	Summary statistics		X _{IQR}	
fF5								
fF6	X _{RANGE}	Command	Stats range	Range for both X and Y ; this is equal to MAX - MIN of the statistics matrix (STATS) ; TI : rg _x = ; rg _y =	Summary statistics		X _{RANGE}	
gF1								
gF2								
gF3								
gF4								
gF5								
gF6	CLΣ	Command	Clear statistics	Clear all statistics data ; delete matrices HIST0 and STATS	Cleanup		CLΣ	